

FIG.1A

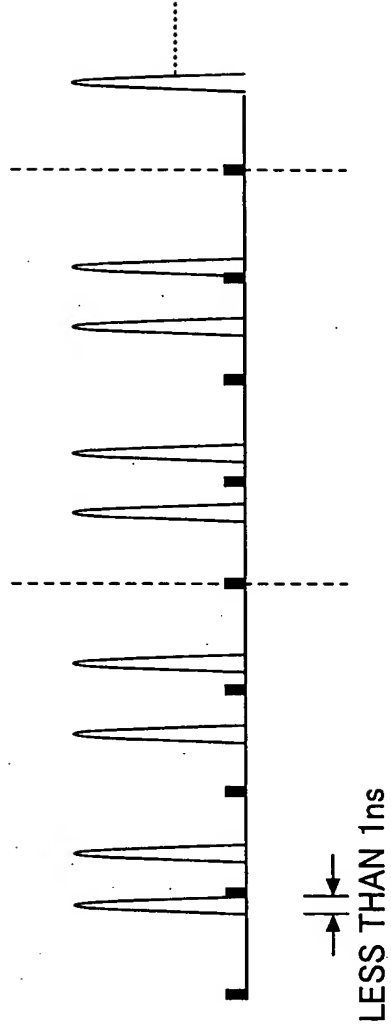


FIG.1B

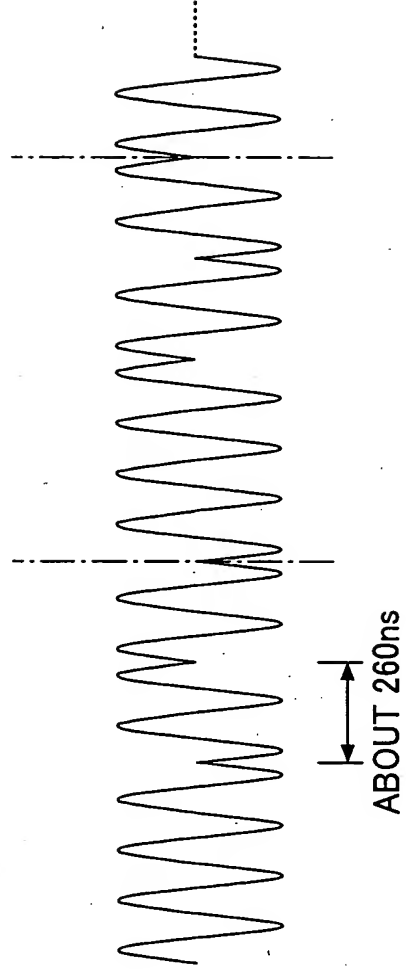


FIG.2

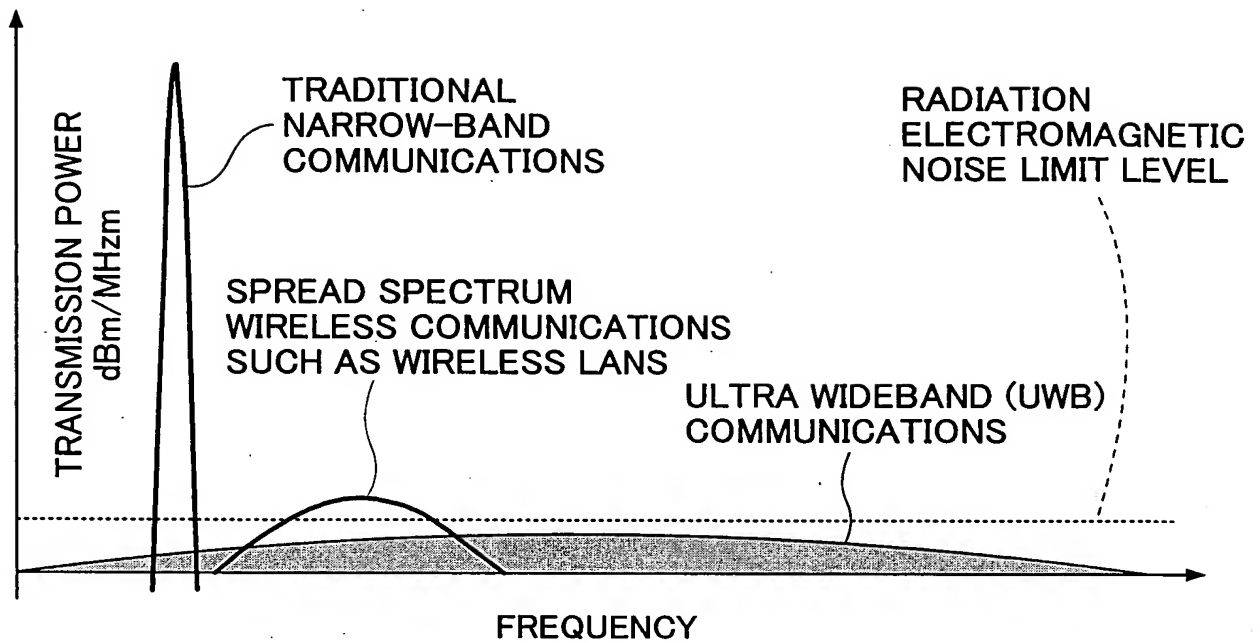


FIG.3

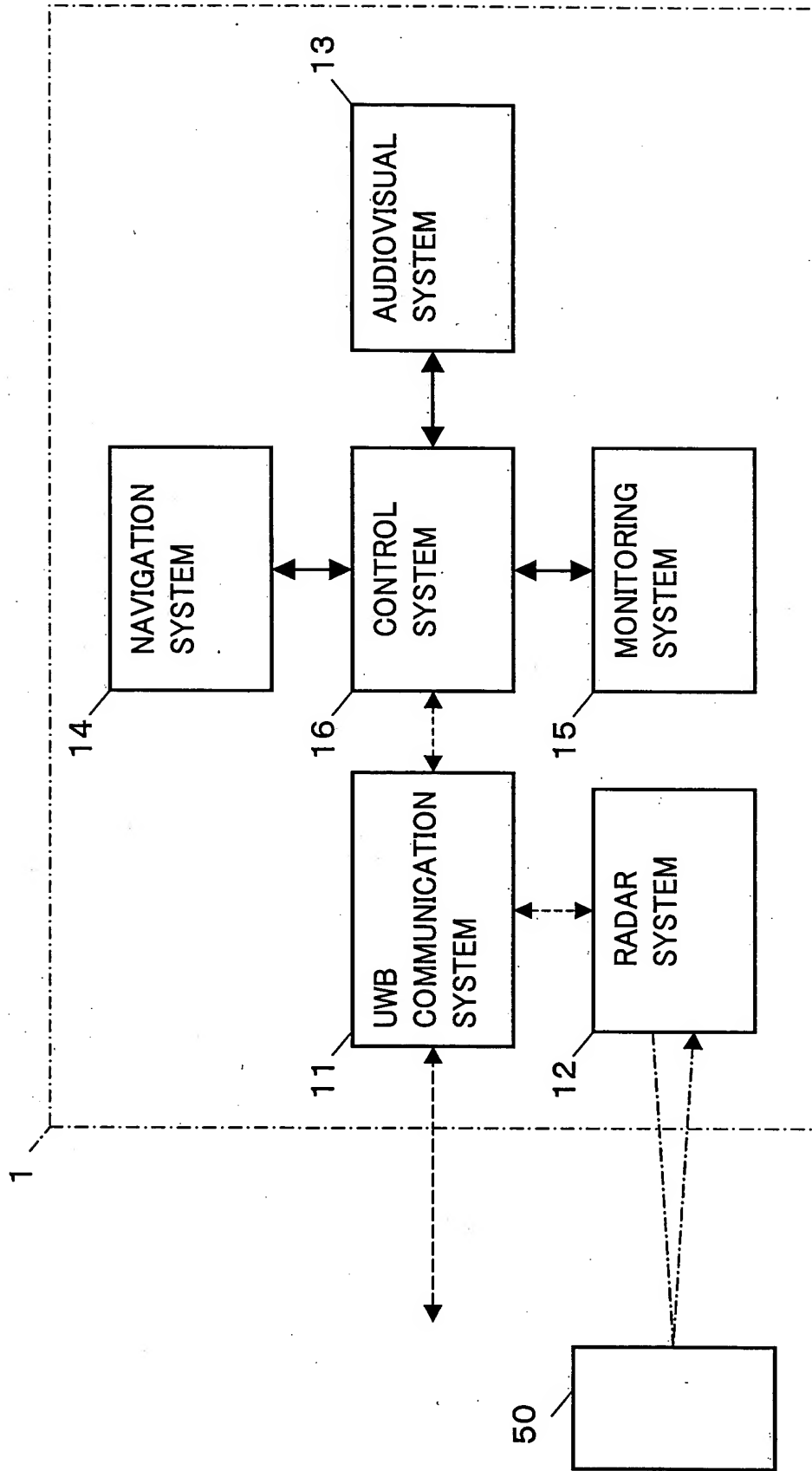


FIG.4

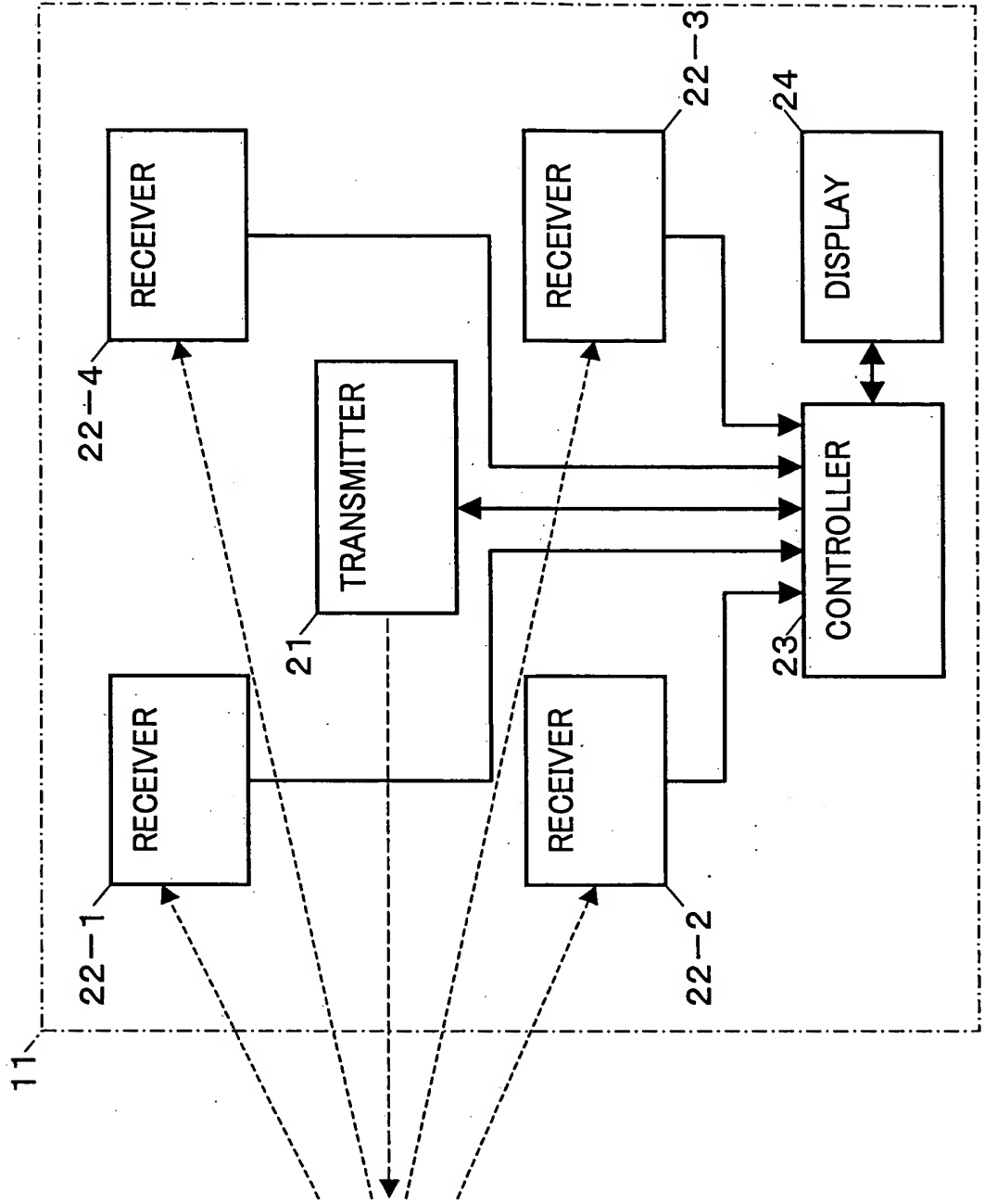
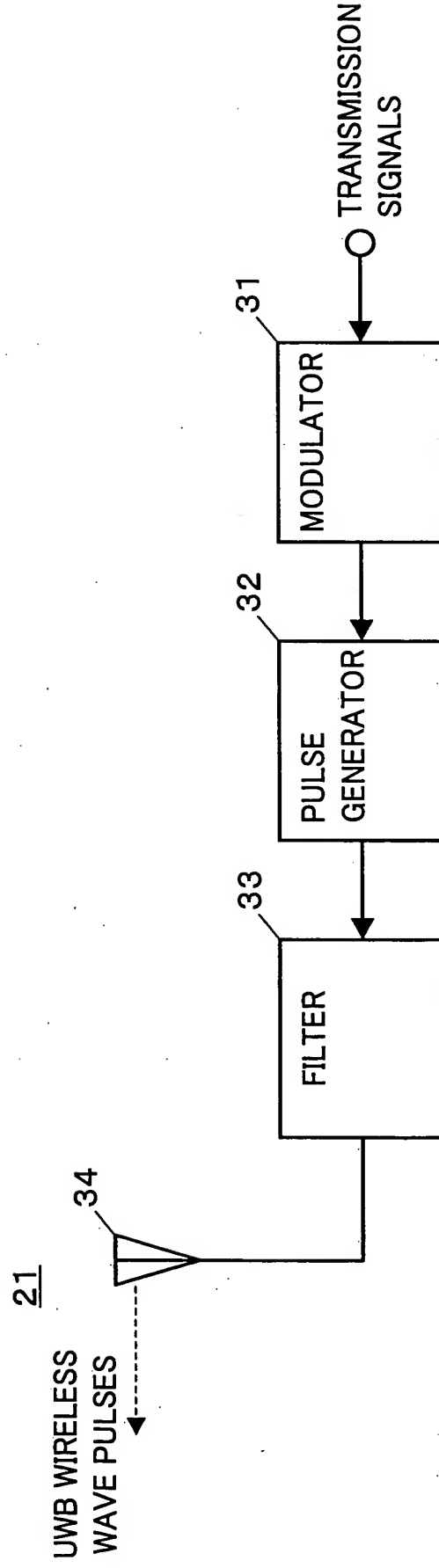


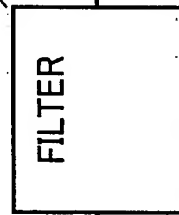
FIG.5



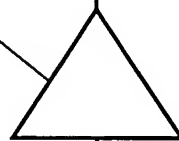
UWB WIRELESS
WAVE PULSES



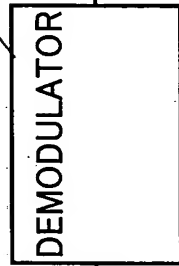
42



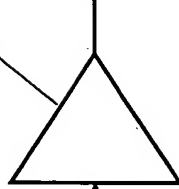
43



44



45



RECEIVED
SIGNALS



FIG.6

FIG.7

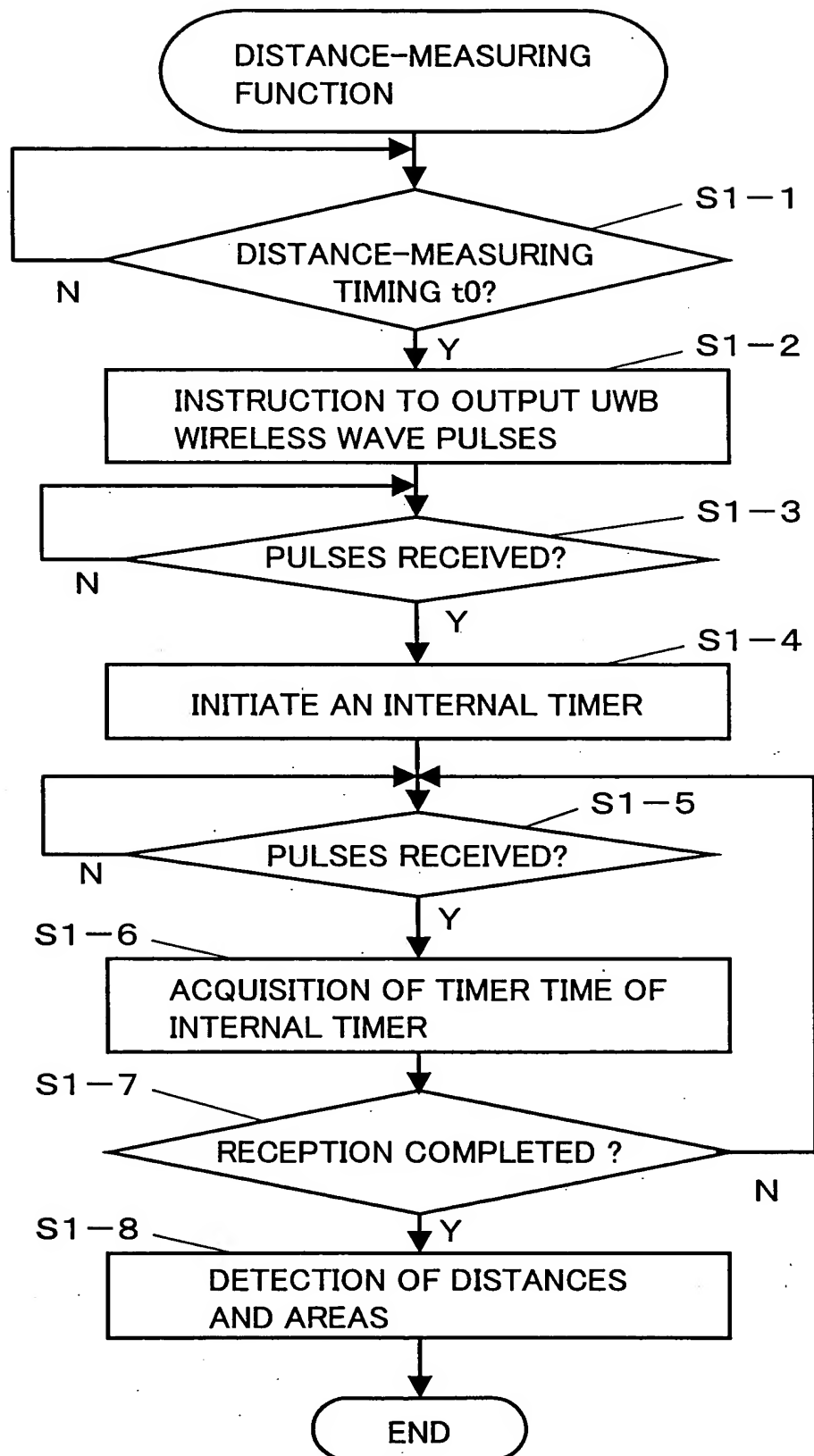


FIG.8

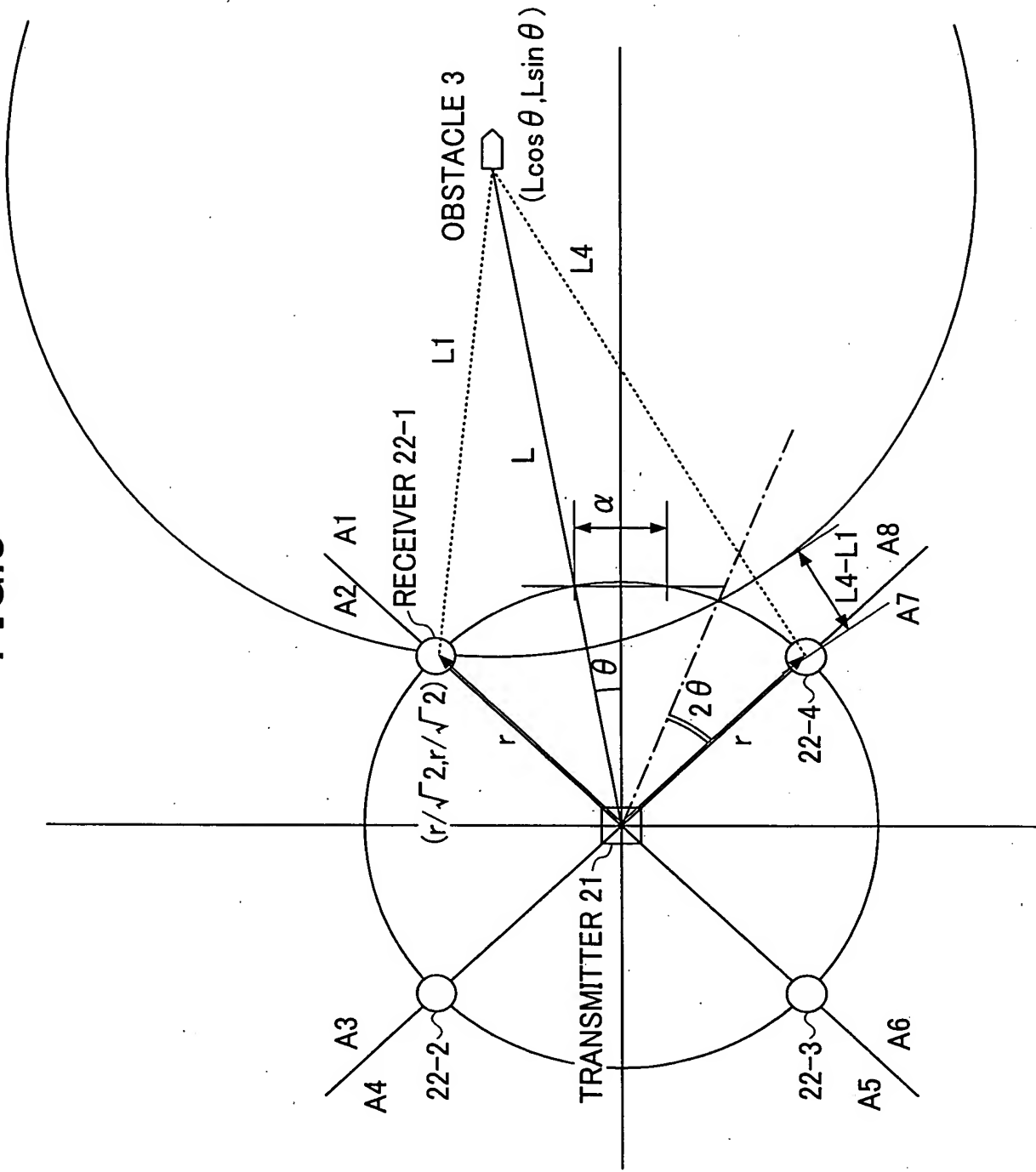


FIG.9

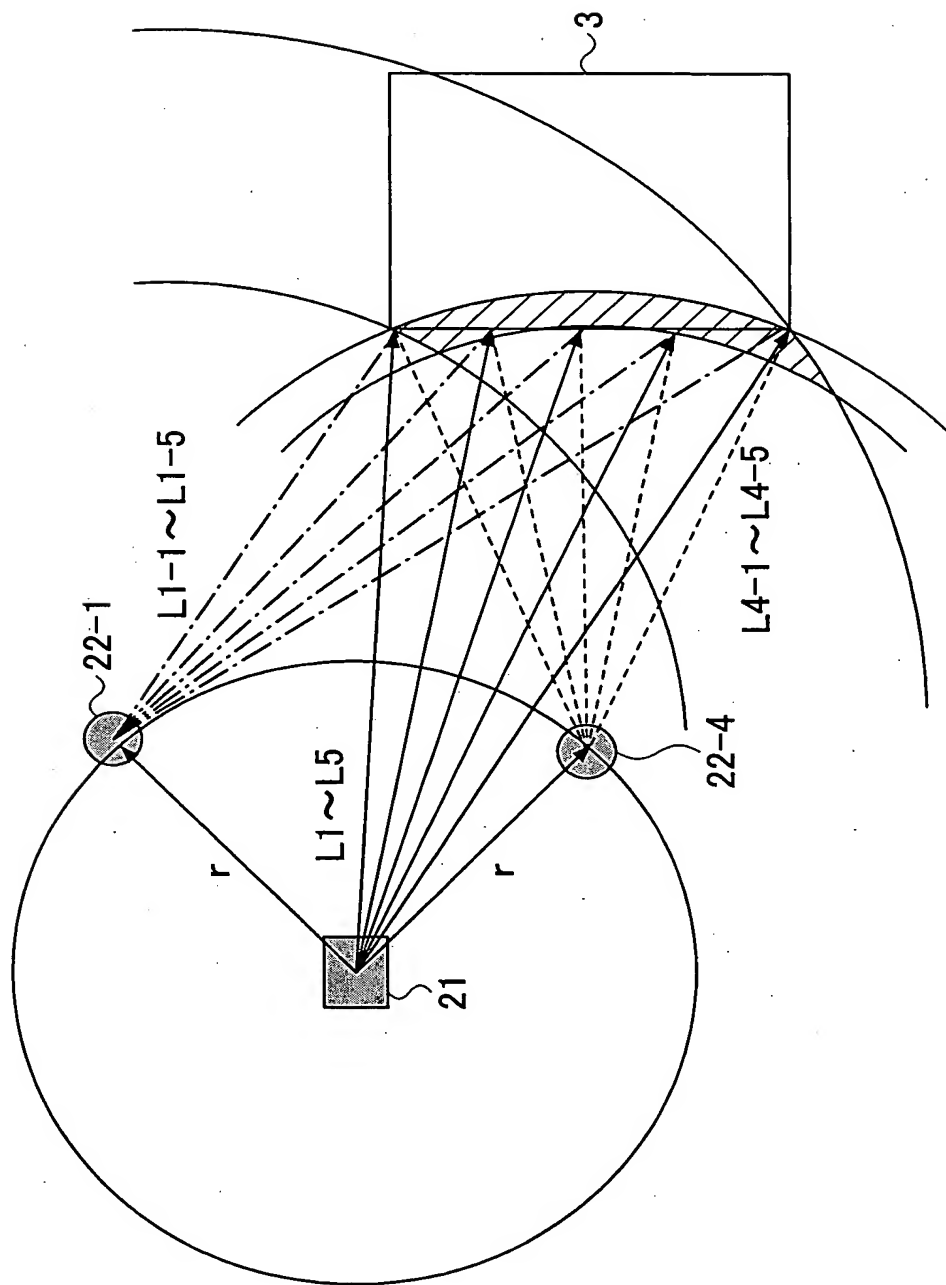


FIG.10A

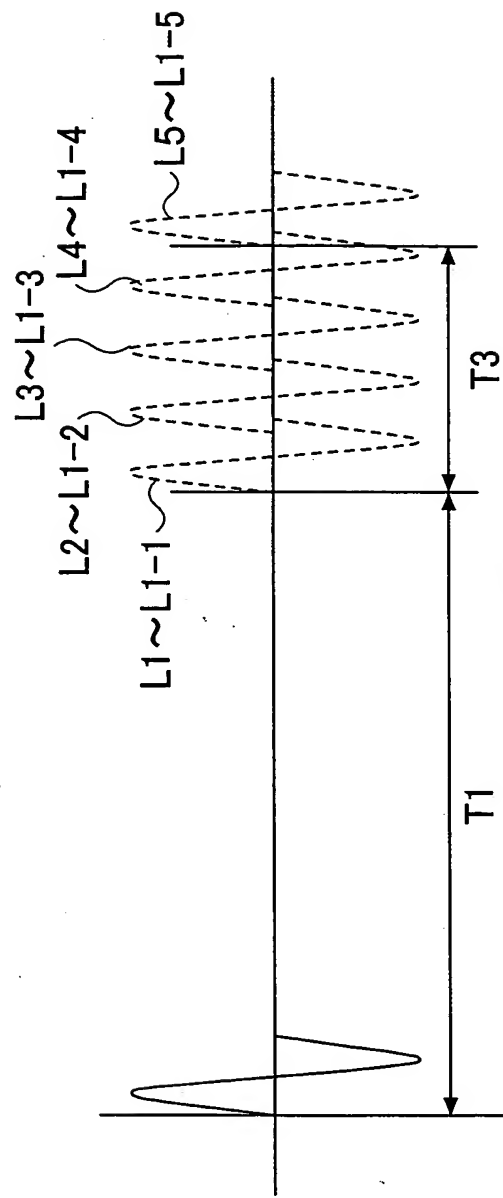


FIG.10B

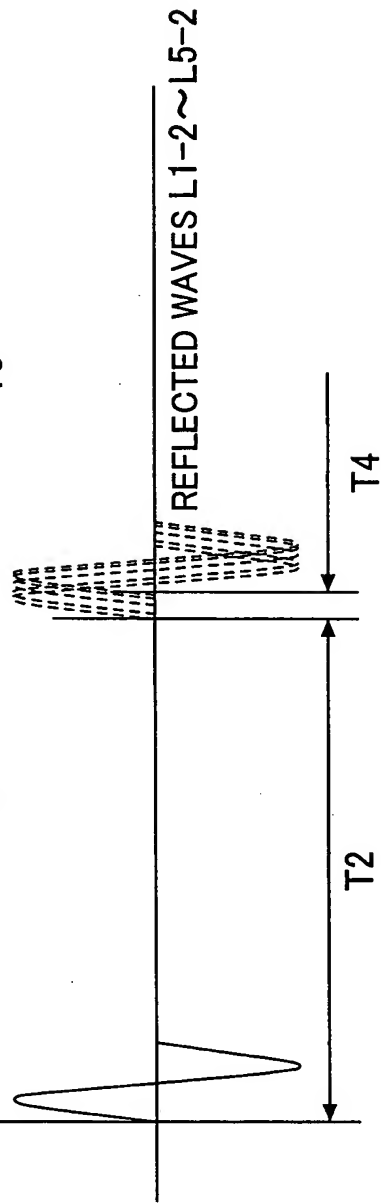


FIG.11

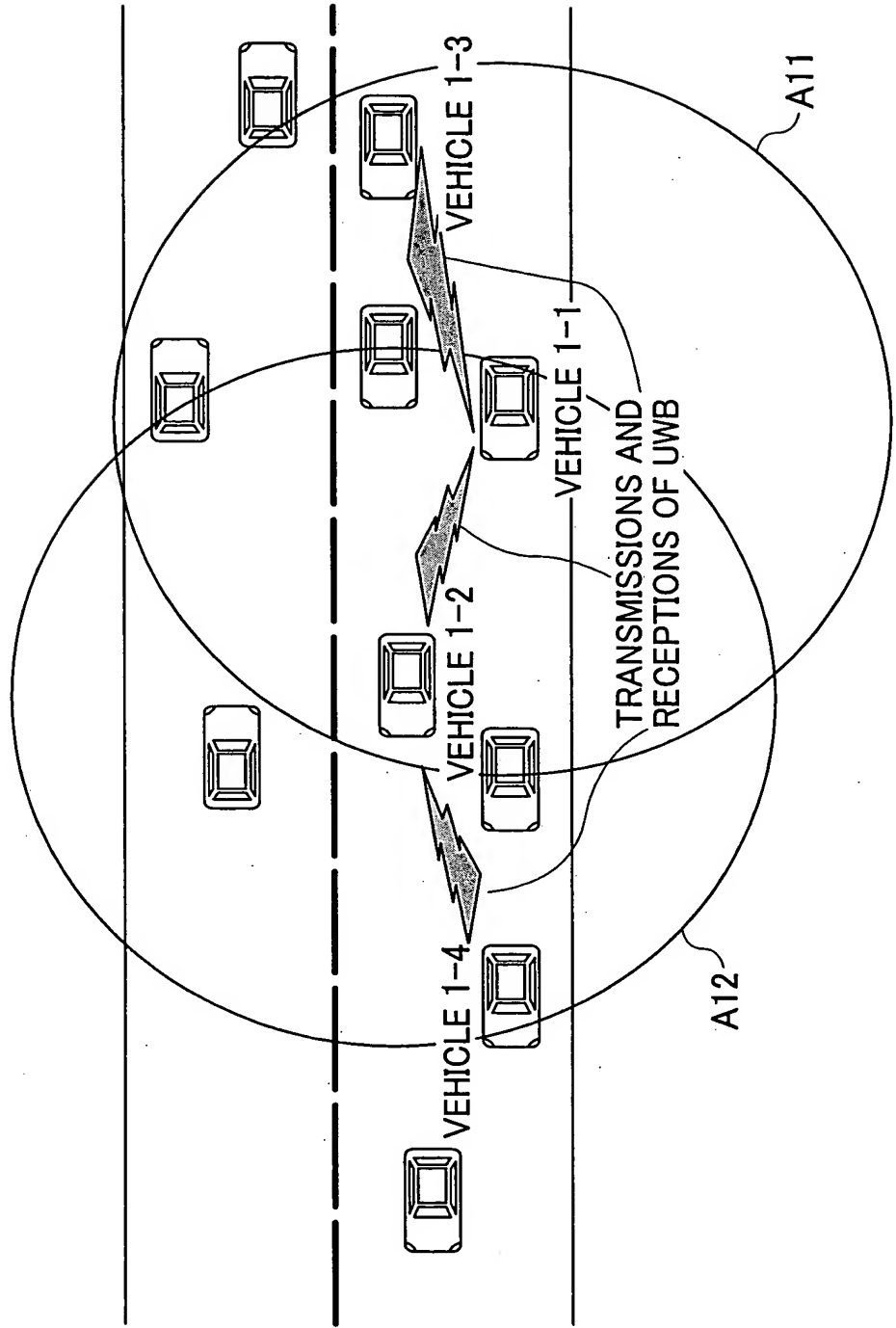


FIG.12

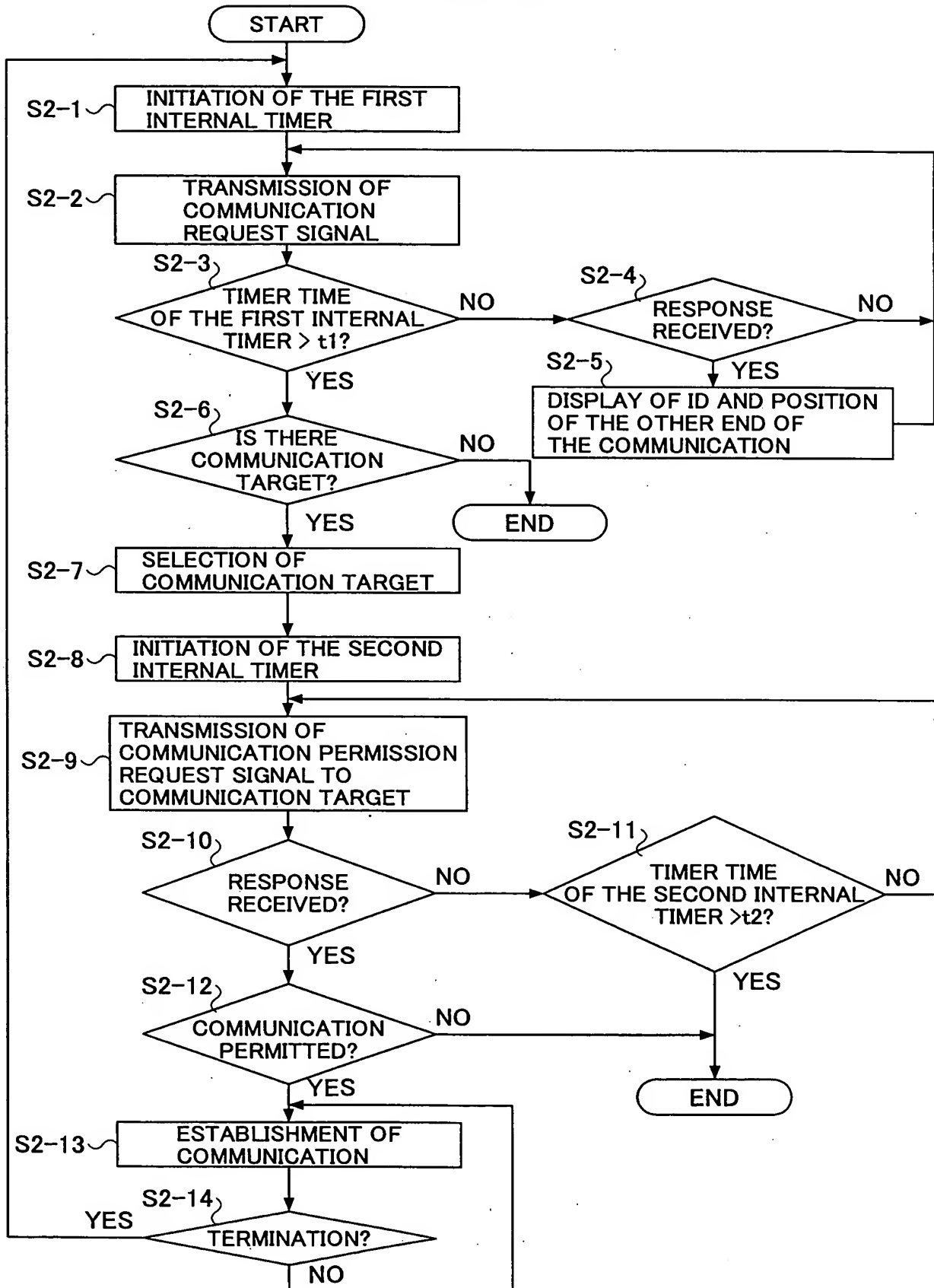


FIG.13

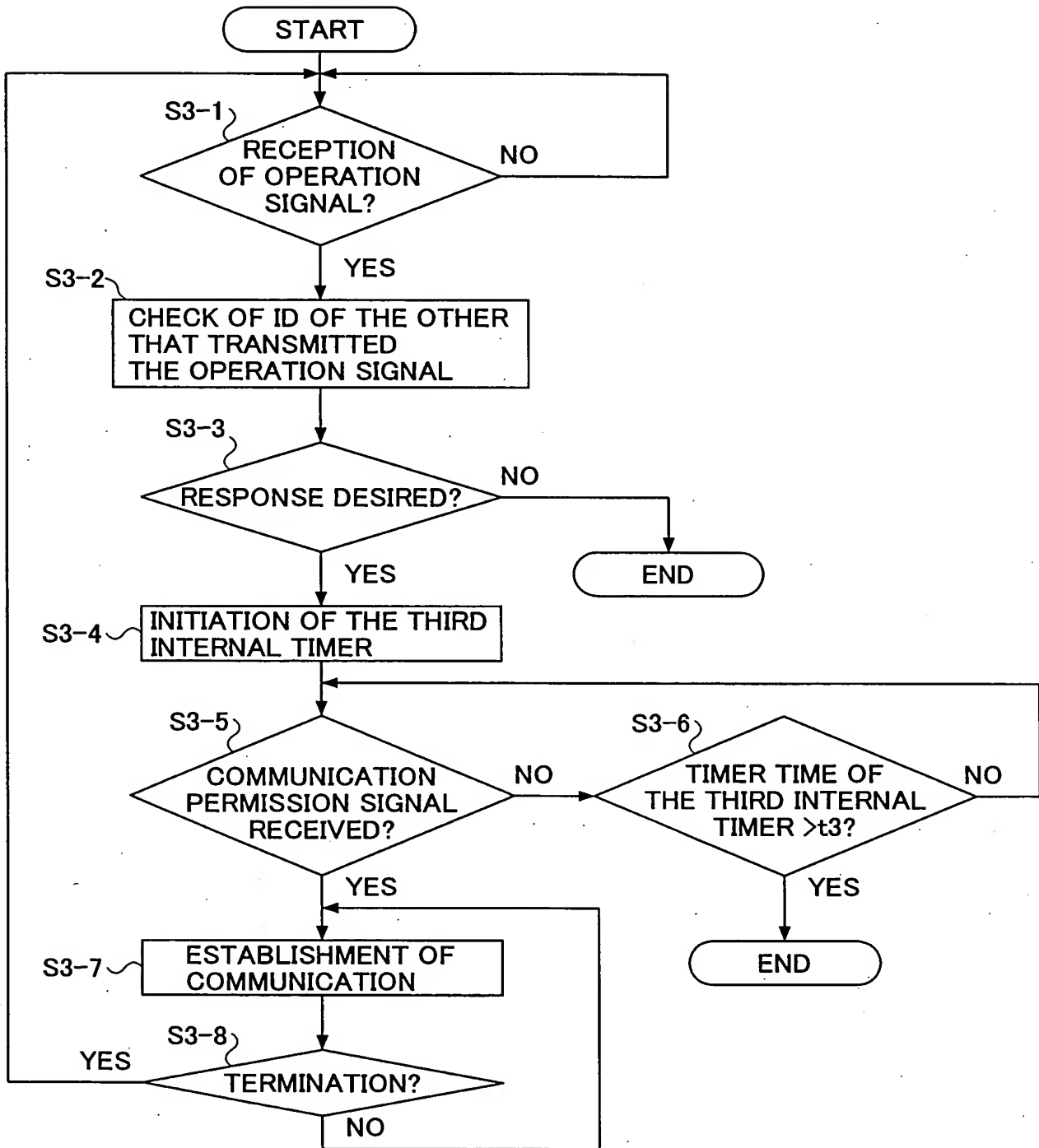


FIG.14

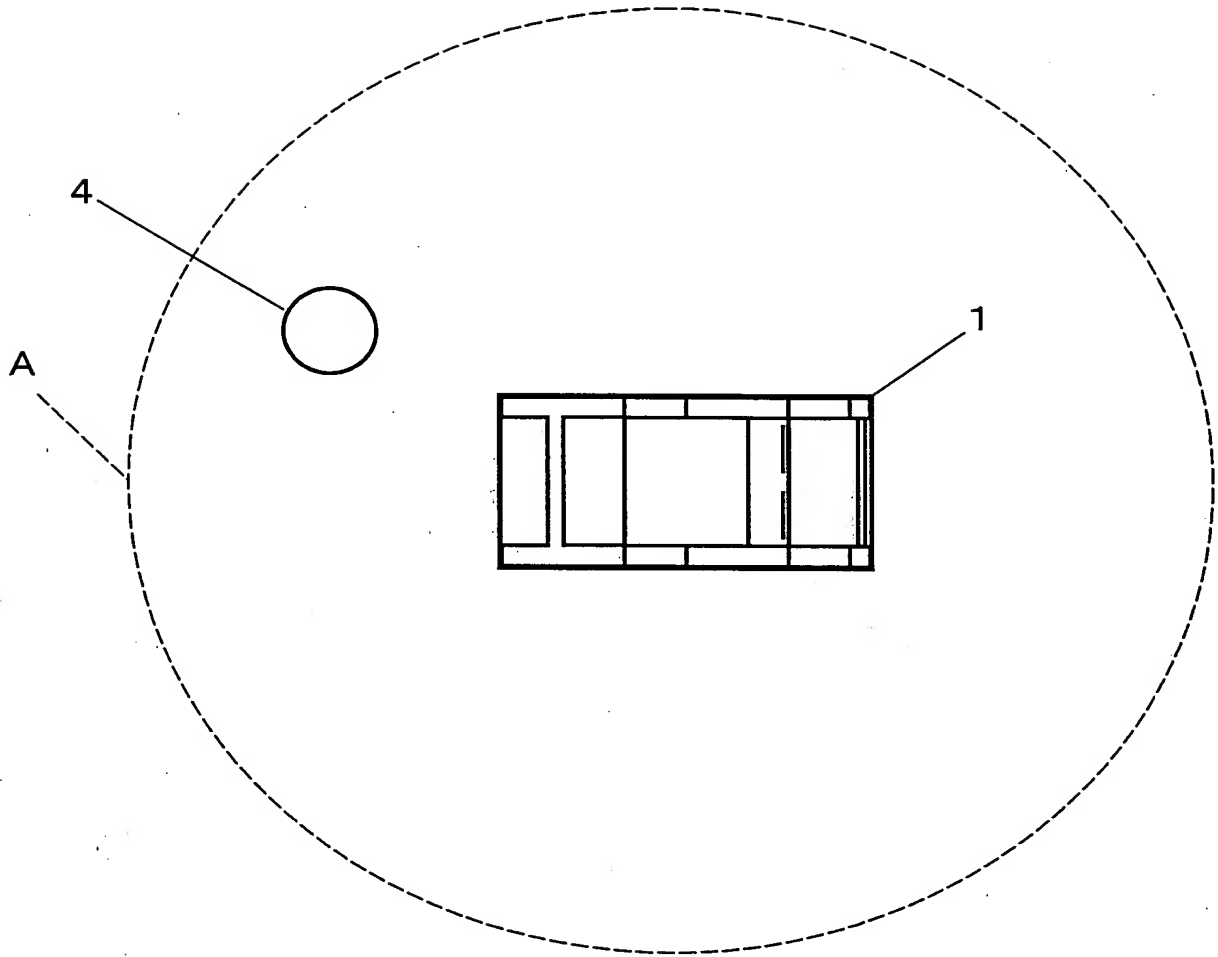


FIG.15

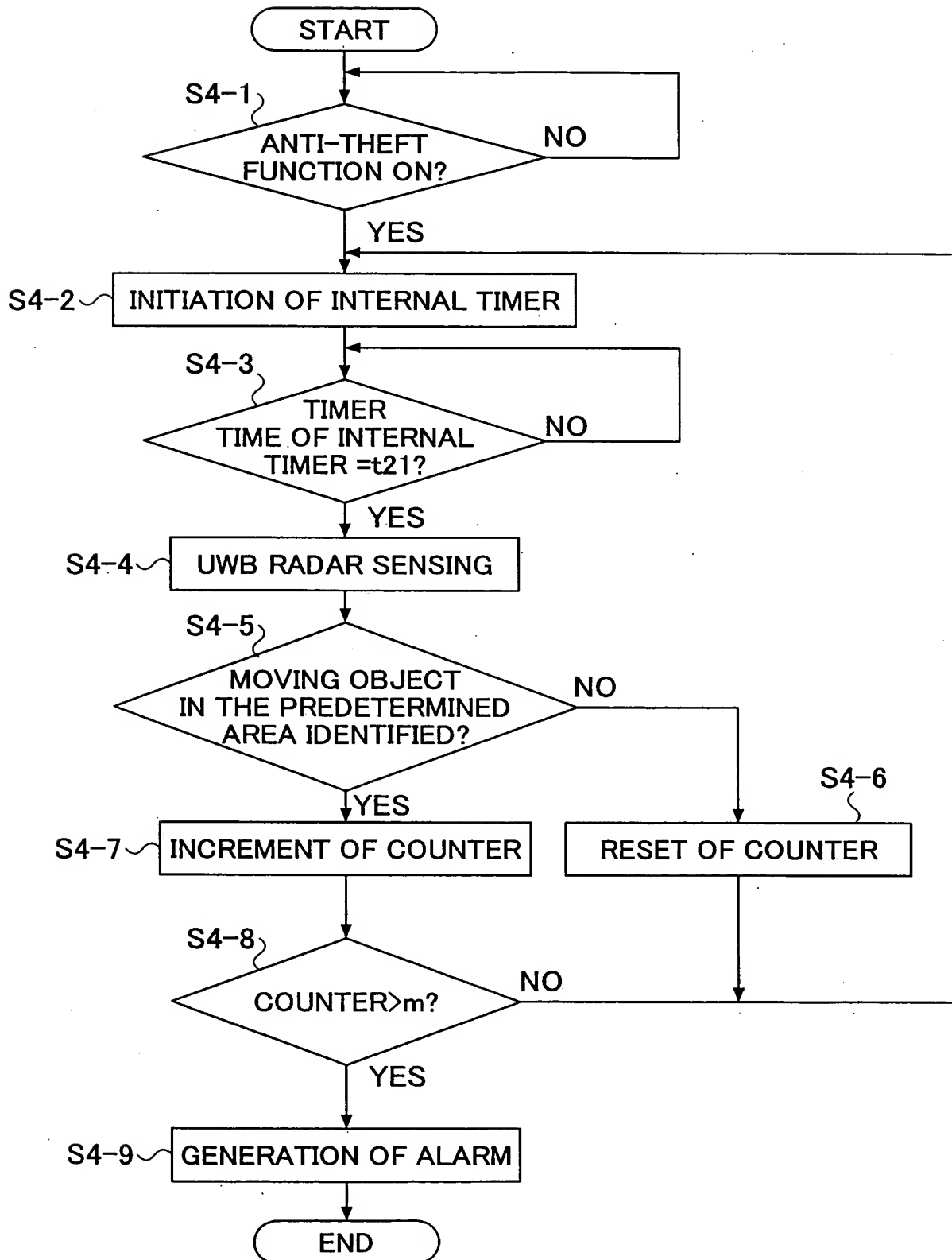


FIG.16

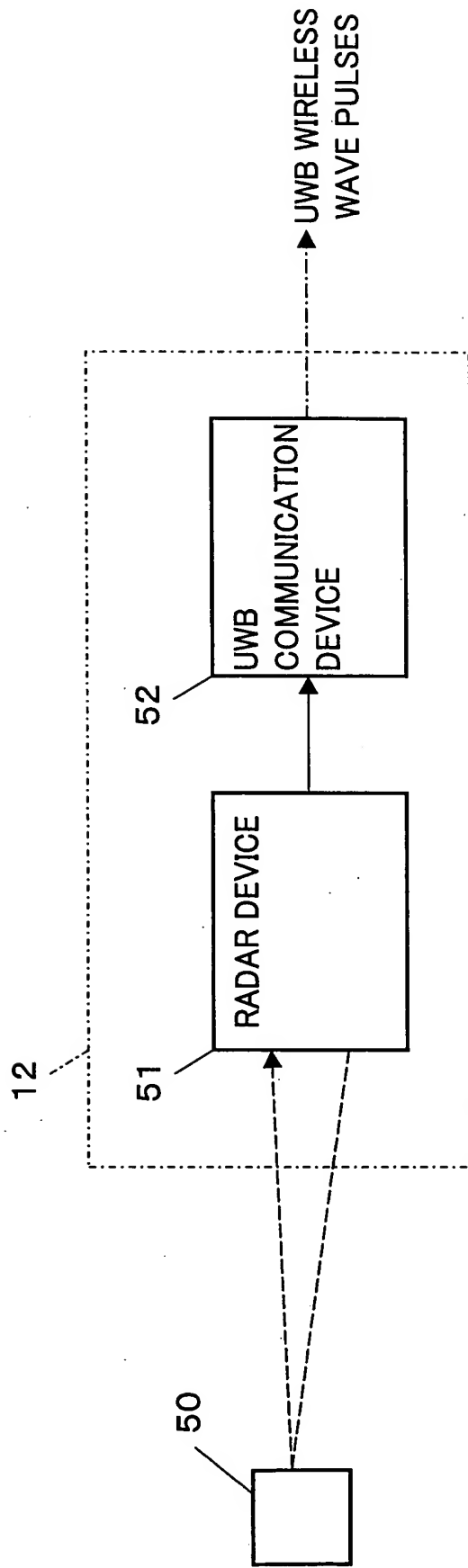


FIG.17

16

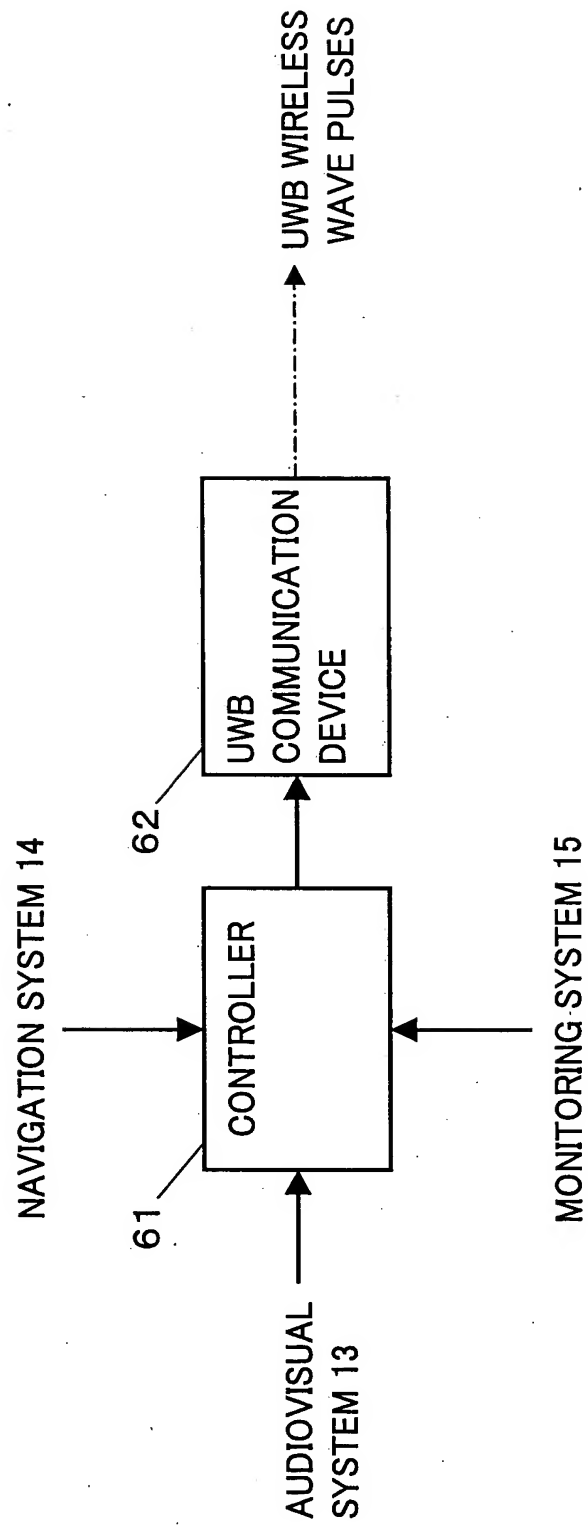


FIG.18

71

